



Maryland

Department of the Environment

Wes Moore, Governor
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary
Suzanne E. Dorsey, Deputy Secretary
Adam Ortiz, Deputy Secretary

January 16, 2026

Virginia Passenger Rail Authority
c/o Scott Ott
2611 South Clark St
Arlington, VA 22202

Via email: steve.ott@lbrpjv.com

Re: Agency Interest Number: 187225
Tracking Number: 202561434
Tidal Authorization Number: 25-WQC-0045

Dear Virginia Passenger Rail Authority:

Your project did not qualify for approval under the Maryland State Programmatic General Permit (MDSPGP); therefore a separate review and issuance of the federal permit will be required by the U.S. Army Corps of Engineers. The federal permit is not attached.

Additionally, your project required a Wetlands License to be approved and issued by the Maryland Board of Public Works (BPW). The Wetlands License will be sent to you by BPW's Wetlands Administrator.

A project that does not qualify for approval under the MDSPGP requires an individual Water Quality Certification (WQC) to be issued by the Maryland Department of the Environment, which is attached. Please take a moment to read and review your WQC to ensure that you understand the limits of the authorized work and all of the general and special conditions.

You should not begin any work until you have obtained all necessary State, local, and federal authorizations. Please contact justin.bereznak@maryland.gov or by telephone at 410-537-3782 with any questions.

Sincerely,

Jonathan Stewart, Chief
Tidal Wetlands Division



STATE OF MARYLAND
DEPARTMENT OF THE ENVIRONMENT
WATER AND SCIENCE ADMINISTRATION
WATER QUALITY CERTIFICATION



25-WQC-0045

EFFECTIVE DATE: **January 16, 2026**
CERTIFICATION HOLDER: **Virginia Passenger Rail Authority**
ADDRESS: **1800 Diagonal Rd. #300**
Alexandria, VA 22314
PROJECT LOCATION: **9555 Orland Park Rd**
Newburg, MD 20664

UNDER AUTHORITY OF SECTION 401 OF THE FEDERAL WATER POLLUTION CONTROL ACT AND ITS AMENDMENTS AND IN ACCORDANCE WITH § 9-313 THROUGH § 9-323, INCLUSIVE, OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND, THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER AND SCIENCE ADMINISTRATION HAS DETERMINED THAT THE REGULATED ACTIVITIES DESCRIBED IN THE REQUEST FOR CERTIFICATION FOR THE PROPOSED Virginia Passenger Rail Authority AND AS DESCRIBED IN THE ATTACHED PLAN SHEETS DATED December 17, 2025 AND ANY SUBSEQUENT MODIFICATIONS APPROVED BY THE DEPARTMENT WILL NOT VIOLATE MARYLAND'S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE CONDITIONS OF THIS CERTIFICATION.

THIS CERTIFICATION DOES NOT RELIEVE THE APPLICANT OF RESPONSIBILITY FOR OBTAINING ANY OTHER APPROVALS, LICENSES, OR PERMITS IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL REQUIREMENTS AND DOES NOT AUTHORIZE COMMENCEMENT OF THE PROPOSED PROJECT. A COPY OF THIS REQUIRED CERTIFICATION HAS BEEN SENT TO THE CORPS OF ENGINEERS. THE CERTIFICATION HOLDER SHALL COMPLY WITH THE CONDITIONS LISTED BELOW.

The Maryland Department of the Environment satisfied the statutory and regulatory public notice requirements by placing the WQC on Public Notice from January 1, 2026 to January 16, 2026 on Maryland Department of the Environment's Public Notice webpage.

PROJECT DESCRIPTION

To construct a temporary 125-foot long by 40-foot wide timber pier with a 60-foot by 78-foot "L" platform, all within a maximum of 185 feet channelward of the high waterline.

GENERAL CONDITIONS

1. All water quality-related performance standards and conditions required by the Department in any state issued authorization for activities in tidal wetlands, nontidal wetlands, their 100-year floodplains, nontidal wetlands buffers, or nontidal wetland expanded buffers to ensure that any discharges will not result in a failure to comply with water quality standards in COMAR 26.08.02 or any other water quality requirements of state law or regulation shall be met.

2. This Certification does not obviate the need to obtain required authorizations or approvals from other State, federal or local agencies as required by law.
3. All additional authorizations or approvals, including self-certifying General Permits issued by the Department, shall be obtained and all conditions shall be completed in compliance with such authorizations.
4. The proposed project shall be constructed in accordance with the approved final plan by the Department, or, if Department approval is not required, the plan approved by the U.S. Army Corps of Engineers, and its approved revisions.
5. All fill and construction materials not used in the project shall be removed and disposed of in a manner which will prevent their entry into waters of this State.
6. This Certification does not authorize any injury to private property, any invasion of rights, or any infringement of federal, state, or local laws or regulations.
7. Authorized representatives of the Department shall be provided access to the site of authorized activities during normal business hours to conduct inspections and evaluations of the operations and records necessary to assure compliance with this Certification.
8. No stockpiles of any material shall be placed in Waters of the U.S. or state or private tidal wetlands.
9. Temporary construction trailers or structures, staging areas and stockpiles shall not be located within tidal wetlands, nontidal wetlands, nontidal wetlands buffers, or the 100-year floodplain unless specifically included on the Approved Plan.
10. This Certification is valid for the project identified herein and the associated U.S. Army Corps of Engineers **NAB-2025-61434**, until such time as that federal approval expires or is not administratively extended.

SPECIAL CONDITIONS

1. All Critical Area requirements shall be followed and all necessary authorizations from the Critical Area Commission ("Commission") shall be obtained. This Certification does not constitute authorization for disturbance in the 100-foot Critical Area Buffer. "Disturbance" in the Buffer means clearing, grading, construction activities, or removal of any size of tree vegetation. Any anticipated Buffer disturbance requires prior written approval, before commencement of land disturbing activity, from local jurisdiction in the form of a Buffer Management Plan.
2. If the authorized work is not performed by the property owner or is not otherwise exempt from the licensing requirement, all work performed under this Tidal Wetlands Permit shall be conducted by a marine contractor licensed by the Marine Contractors Licensing Board (MCLB) in accordance with Title 17 of the Environment Article of Annotated Code of Maryland and COMAR 26.30. The licensed marine contractor shall be authorized for the appropriate license category to perform or solicit to perform the activities within this authorization, if applicable. A list of licensed marine contractors and their license category may be obtained by contacting the MCLB at 410-537- 3249, by e-mail at MDE.MCLB@maryland.gov, or by accessing the Maryland Department of the Environment, Environmental Boards webpage at <https://mde.maryland.gov/programs/water/WetlandsandWaterways/Pages/LicensedMarineContractors.aspx>.

3. The issuance of this Certificate is not a validation or authorization by the Department for any of the existing structures depicted on the plan sheets on the subject property that is not part of the authorized work description, nor does it relieve the Certificate Holder of the obligation to resolve any existing noncompliant structures and activities within tidal wetlands.
4. The temporary pier and support structure noted in the description of work shall be removed prior to the expiration of the license or completion of Long Bridge located in Washington DC, whichever comes first.

CITATIONS AND STATEMENTS OF NECESSITY

1. Statement of Necessity for General Conditions 1, 2, 3, & 4, and Special Conditions 1 & 3: These conditions are necessary to ensure that water quality standards are met, and designated uses are maintained. Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.23.02.06; COMAR 26.17.01; COMAR 26.23; COMAR 26.24
2. Statement of Necessity for General Conditions 5 & 8: Fill or construction material within or adjacent to regulated resources may cause discharges resulting in turbidity in excess of water quality standards and interfere with designated uses of growth and propagation of fish, other aquatic life, wildlife; and other designated uses; and fail to meet general water quality criteria that waters not be polluted by substances in amounts sufficient to be unsightly or create a nuisance.

Citation: 26.08.02.03B(1)-B(2); COMAR 26.23; COMAR 26.24; COMAR 26.17.04

3. Statement of Necessity for General Condition 6: This condition is necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements.

Citation: Federal and state laws which authorize this condition include but are not limited to: 33U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

4. Statement of Necessity for General Condition 7: Conditions of certification involve precise actions to comply with water quality standards. Site inspection may be necessary to ensure that limits, methods, and other requirements are met to ensure that water quality standards are met and designated uses are maintained. These conditions are necessary to ensure that the activity was conducted, and project completed according to terms of the authorization/certification, while allowing for review of in-field modifications which may have resulted in discharges to ensure that water quality standards were met. Designated uses include support of estuarine and marine aquatic life and shellfish harvesting and for growth and propagation of fish, other aquatic life, and wildlife.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.03B(1)(b); COMAR 26.08.02.03B(2); COMAR 26.23.02.06; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

5. Statement of Necessity for General Condition 10: This condition is necessary to qualify the period of applicability of the terms and conditions of this Certification to be protective of Maryland water quality standards.

Citations: Federal and state laws which authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; 40 C.F.R. 121, 15 C.F.R. 930, Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

6. Statement of Necessity for Special Condition 2: Expertise for conducting certain activities is required to ensure that there is no violation of water quality standards nor interference with designated uses. This condition is necessary to ensure that discharges will be conducted in a manner which does not violate water quality criteria nor interfere with designated uses.

Citation: COMAR 26.08.02.02B(2)- B(4); COMAR 26.08.02.03B(2)(d) – (e); COMAR 26.08.02.03B(1)(b); 26.08.02.03B(2); COMAR 23.02.04.04

7. Statement of Necessity for Special Condition 4: Damaged piers may result in pieces of the structure discharging to navigable waters. The condition is necessary to ensure that discharges related to removal and installation removal do not result in additional discharges which would violate water quality standards and designated uses for water clarity, turbidity, growth and propagation of fish, other aquatic life, and wildlife and recreation. The condition is necessary to ensure that the discharge will not interfere with designated uses for water contact recreation and fishing nor create a nuisance.

26.08.02.02B(1)(d); COMAR 26.08.02.02B(3); COMAR 26.08.02.03B COMAR 26.08.02.01B(1) and B(2)COMAR 26.08.02.03B(1)(a); COMAR 26.08.02.03B(2)(d)

CERTIFICATION APPROVED

Heather L. Nelson, Program Manager
Wetlands and Waterways Protection Program

Tracking Number: 202561434
Agency Interest Number: 187225

Effective Date: January 16, 2026

Enclosure: Plan Sheets dated December 17, 2025

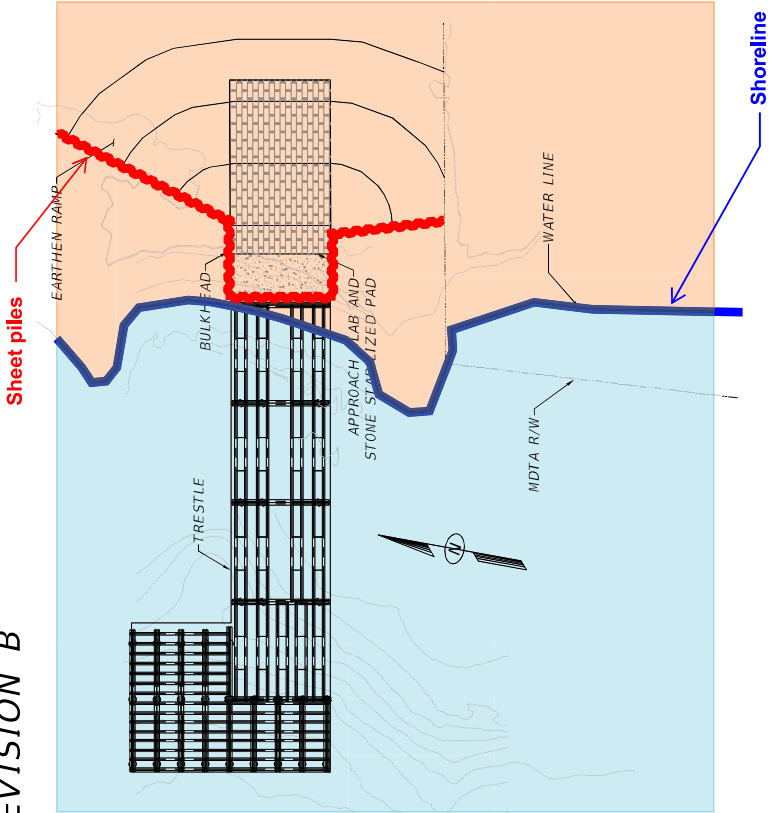
cc: WSA Inspection & Compliance Program
Army Corps of Engineers

HARRY NICE TRESTLE

REVISION B

INDEX OF SHEETS:

1. GENERAL NOTES & INDEX
2. PLAN
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7. TYPICAL SECTION (2 OF 4)
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11. FINGER STRINGER DETAILS
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18. APPROACH SLAB DETAILS
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LBRP Pier- WOUS Impacts		
Impact	Total	
36" Pipe Piles (x32)	224 sq. ft.	48.0 lf.
36" Mooring Piles (x15)	105 sq. ft.	22.5 lf.
Totals	329 sq.ft.,	70.5 lf.

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FOR PERMIT ONLY
NOT FOR CONSTRUCTION

GENERAL NOTES:

DESIGN CRITERIA:

1. AISC STEEL CONSTRUCTION MANUAL 15TH EDITION.
2. AASHTO GUIDE DESIGN SPECIFICATIONS FOR BRIDGE TEMPORARY WORKS, 2ND EDITION.
3. 2018 MDS FOR WOOD CONSTRUCTION.
4. ALL COORDINATES ARE PROVIDED IN THE MARYLAND STATE PLANE COORDINATE SYSTEM.
5. WATER LEVELS GIVEN RELATIVE TO NAVD88 DATUM.

MATERIALS:

1. W-SHAPE STEEL GIRDERS SHALL BE ASTM A992 GRADE 50 STEEL.
2. STIFFENERS, SPLICE PLATES, AND PILE TIP PLATES SHALL BE ASTM A572 GRADE 50 STEEL.
3. OTHER PLATES SHALL BE MIN ASTM A36 STEEL.
4. APPROACH SLAB CONCRETE SHALL HAVE A MIN. 28 DAY COMPRESSIVE STRENGTH OF 5,500 PSI.
5. ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 (FY=60KSI).
6. TIMBER CRANE MATS SHALL BE NEW 12" BY 12" MIXED OAK NO. 1 OR BETTER.
7. PIPE PILES SHALL BE ASTM A992 GRADE 50 STEEL.
8. HANDRAIL SHALL BE PROVIDED BY THE CONTRACTOR.
9. ALL BOLTS SHALL BE ASTM F3125 GRADE A325.

FABRICATION:

1. FABRICATION SHALL BE IN ACCORDANCE WITH AISC STEEL CONSTRUCTION MANUAL, LATEST EDITION.
2. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1, LATEST EDITION.
3. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER WITH 70KSI ELECTRODES.
4. PILES SHALL BE DRIVEN TO THE MINIMUM TIP SPECIFIED FOR LATERAL STABILITY. IF THE PILE CAPACITY IS NOT ACHIEVED, CONTINUE DRIVING UNTIL THE REQUIRED AXIAL CAPACITY IS ACHIEVED.

CONSTRUCTION EQUIPMENT:

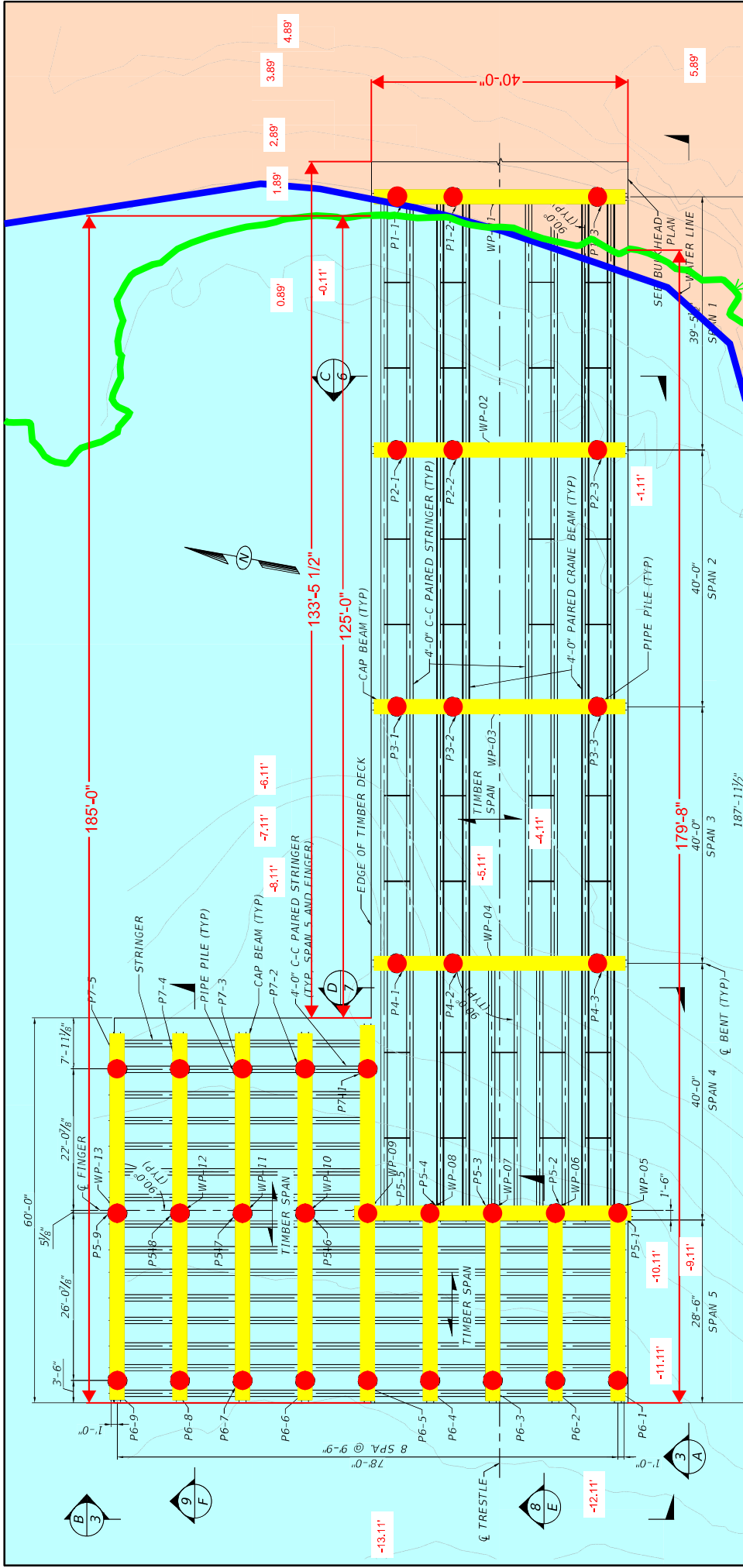
1. TRESTLE HAS BEEN VERIFIED FOR THE FOLLOWING VEHICLES:
- 1.1. MANTOWOC MLC300 SERIES 3 CRAWLER CRANE, GROSS VEHICLE WEIGHT = 751 KIPS.
- 1.1.1. 30 KIPS MAXIMUM LOAD @ 70'-0" MAXIMUM RADIUS (TRESTLE CONSTRUCTION).
- 1.1.2. 0 KIPS MAXIMUM LOAD @ 90'-0" RADIUS, 0" SLEW (WALKING TO END OF TRESTLE AND TURNING ONTO FINGER).
- 1.1.3. 149 KIPS MAXIMUM LOAD @ 75'-0" MAXIMUM RADIUS (CRANE TRACKS ALIGNED WITH DESIGNATED PAIRED GIRDERS ON SPAN 5 AND FINGER).
- 1.2. KOBELCO CK3300G-2 W/ 264 KIP COUNTERWEIGHT, GROSS VEHICLE WEIGHT = 730 KIPS.
- 1.2.1. 30 KIPS MAXIMUM LOAD @ 90'-0" MAXIMUM RADIUS (TRESTLE CONSTRUCTION).
- 1.3. GIRDER DELIVERY TRUCK.
- 1.3.1. MAXIMUM PERMITTED WHEEL LOAD = 21 KIP. CONTACT COWI IF WHEEL LOADS EXCEED THIS MAXIMUM VALUE.

2. GIRDER DELIVERY TRUCKS SHALL BE LOCATED WITHIN 4' OF DESIGNATED CENTERLINE (SEE TYPICAL SECTIONS).
3. MAXIMUM PERMITTED WHEEL LOAD WITHIN 4' OF ♀ TRESTLE ON SPANS 1-3 IS 6 KIP. OTHER LARGER TRUCKS SHALL COMPLY WITH NOTE 2 ABOVE.
4. OTHER THAN MLC300 AND CK3300G CRANES, HEAVY VEHICLES SHALL NOT REMAIN PARKED ON TRESTLE.
5. CRANE TRACKS SHALL REMAIN WITHIN 6" OF PAIRED CRANE BEAM CENTERLINES AT ALL TIMES WHILE OPERATING ON SPANS 1-3. CRANE MAY BEGIN TURNING ONTO THE FINGER FROM SPAN 4.
6. CRANE TRACKS SHALL REMAIN WITHIN 6" OF DESIGNATED PAIRED STRINGER CENTERLINES AT ALL TIMES DURING PICKING OPERATIONS ON SPAN 5 AND THE FINGER.
3. WINDS OVER 30 MPH: LOWER CRANE BOOM AND CEASE OPERATIONS.
4. WINDS OVER 60 MPH: REMOVE EQUIPMENT FROM TRESTLE.
5. INSPECT CRANE MATS WEEKLY AND AFTER EACH CRITICAL PICK. REPLACE AS NECESSARY.
6. CEASE OPERATIONS AND REMOVE CRANE FROM TRESTLE IF WATER LEVEL RISES ABOVE TOP OF CAP BEAMS.
7. KEEP TRESTLE CLEAR OF ANY DEBRIS DAMS.

DESIGN LOADING:

1. UNIT WEIGHT: STRUCTURAL STEEL = 490 PCF.
2. UNIT WEIGHT: TIMBER MAT = 50 PCF.
3. CONSTRUCTION LIVE LOAD: 20 PSF.
4. DESIGN WIND SPEED:
- 4.1. ACTIVE = 30MPH.
- 4.2. INACTIVE = 130MPH.
5. SINGLE PILE MAXIMUM AXIAL LOAD: 510 KIPS (UNFACTORED).
6. STREAM FLOW: V = 9.4FT/S.
7. VEHICLE IMPACT FACTOR = 1.1.
8. MINIMUM HORIZONTAL FORCE = 2% OF CONSTRUCTION EQUIPMENT WEIGHT.

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TOP OF BULKHEAD FRONT FACE SHEET
PILES ARE 5.55 FT ABOVE MHW
ELEVATION

TRESTLE
PLAN VIEW

PILE CUTOFF ELEVATIONS	
PILES	EL. (FT.)
P1-(1-3)	1.809
P2-(1-3)	1.809
P3-(1-3)	1.809
P4-(1-3)	1.809
P5-(1-5)	1.809
P5-(6-9)	1.934
P6-(1-9)	1.934
P7-(1-5)	1.934

PILE PDA REQUIRED	
P1-3	
P4-2	
P5-5	
P6-3	

WORK POINT COORDINATES	
WORK POINT	NORTH
WP-01	25458.58
WP-02	25451.53
WP-03	25444.40
WP-04	25437.26
WP-05	25412.27
WP-06	25421.86
WP-07	25431.46
WP-08	25441.05
WP-09	25450.64
WP-10	25460.24
WP-11	25469.83
WP-12	25479.43
WP-13	25489.02

WORK POINT COORDINATES	
WORK POINT	EAST
WP-01	137770.29
WP-02	137731.45
WP-03	137702.10
WP-04	137652.74
WP-05	137081.15
WP-06	137016.41
WP-07	137014.67
WP-08	137002.93
WP-09	137001.19
WP-10	137009.45
WP-11	137007.71
WP-12	137005.97
WP-13	137004.23

MHWL SHOWN IN
GREEN

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25-WQC-0045
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NOT FOR CONSTRUCTION

- NOTES:
1. MAXIMUM UNFACTORED SINGLE PILE LOAD = 510 KIPS.
 2. REQUIRED MINIMUM PILE TIP ELEVATION FOR LATERAL STABILITY = -68'.
 3. DRIVE PILES TO 1020 KIP AXIAL CAPACITY.
 4. EXPECTED MINIMUM PILE TIP AXIAL ELEVATION FOR AXIAL CAPACITY = -105'.
 5. PERFORM PDA TEST ON EACH INDICATED PILE AND PROVIDE RESULTS TO COWI FOR VERIFICATION OF THE PILE GEOTECHNICAL CAPACITY.

Revision		Drawn By	Date	Description
		SLMO	8/25	
		DWFS	8/25	
		PKME	8/25	

Name		Date
SLMO	8/25	
DWFS	8/25	
PKME	8/25	

Client:	
LONG BRIDGE RAIL PARTNERS	

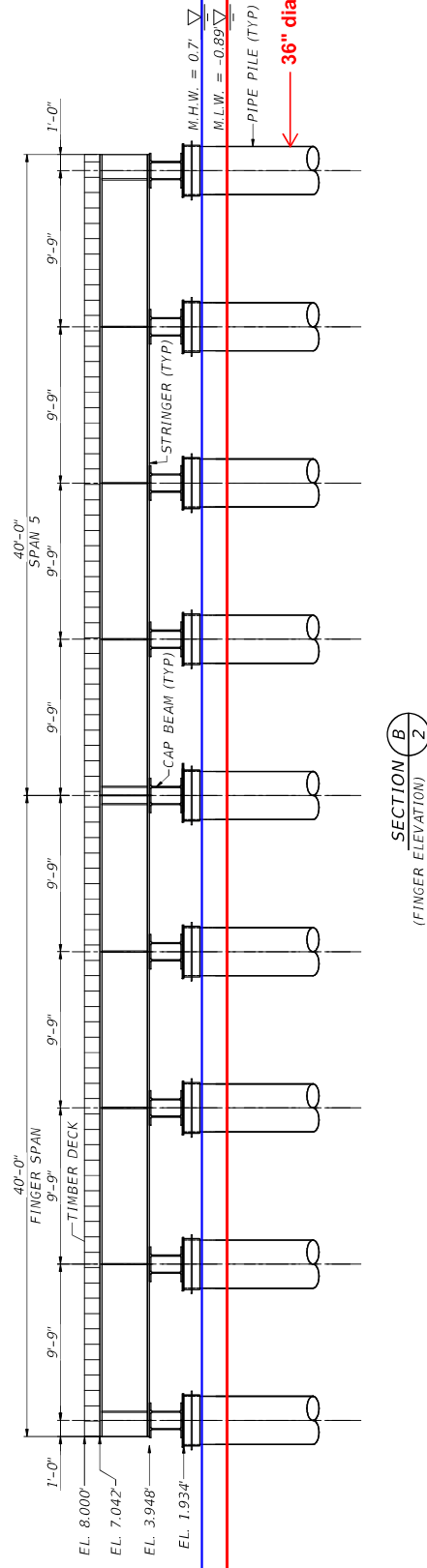
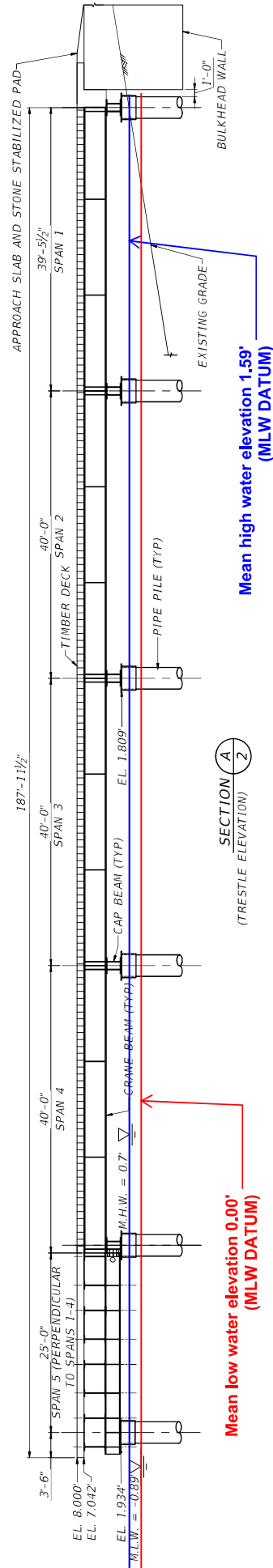
Project:	
LONG BRIDGE SOUTH	

Sheet Title:	
PLAN	

DWG Name	
Harry Nice Trestle.dwg	

DWG REV	
B	

SHT NO	
02	



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12/17/25
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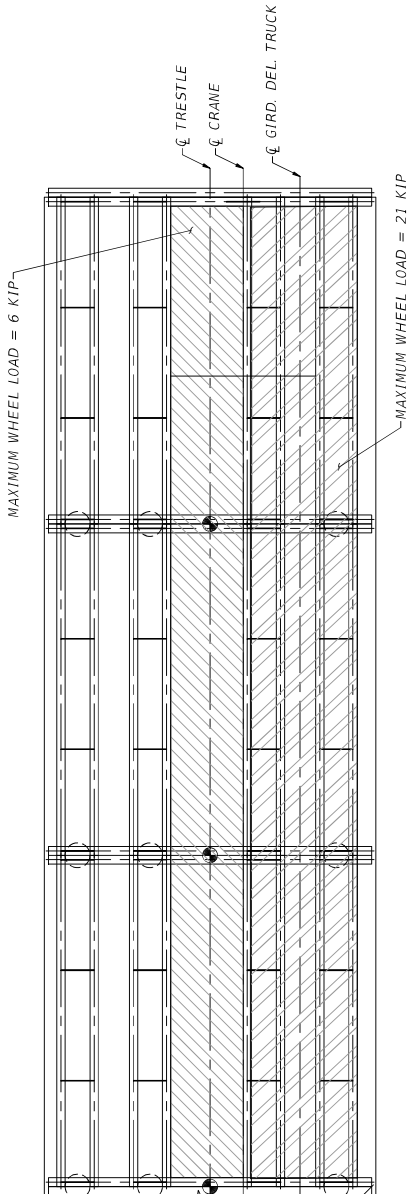
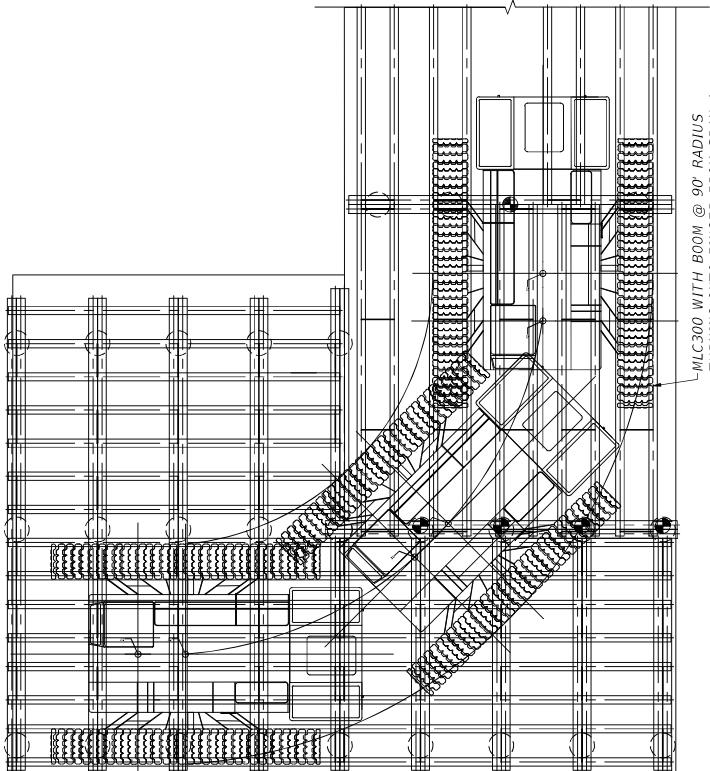
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NOTES:
1. TRESTLE FINGER AND SPAN 5 ARE ORIENTED AT 90° TO MAIN TRESTLE SPANS.

Revision	Drawn By	Date	Description	Name	Date	 <p> COWI 2073 Summit Lake Dr., Suite 305 Tallahassee, FL 32310 Phone: 850-594-1600 </p>	Client: LONG BRIDGE RAIL PARTNERS	Project: LONG BRIDGE SOUTH	Sheet Title: ELEVATION	SHT NO
				Drawn By:	8/25					03
				Checked By:	8/25					DWG REV
				Approved By:	8/25					B
										DWG Name: Harty Nice Trestledwa

Plotted by: Slade Machado 08.08.2025 14:34 C:\Users\slm\COW\A284605 - VPRA - Long Bridge Construction Engineering - Documents\60-WorkInProgress\20-Calculations\Trestles\Harry Nice\AutoCAD\Harry Nice Trestle.dwg

14:34



SPAN 1-3 PATH RESTRICTIONS

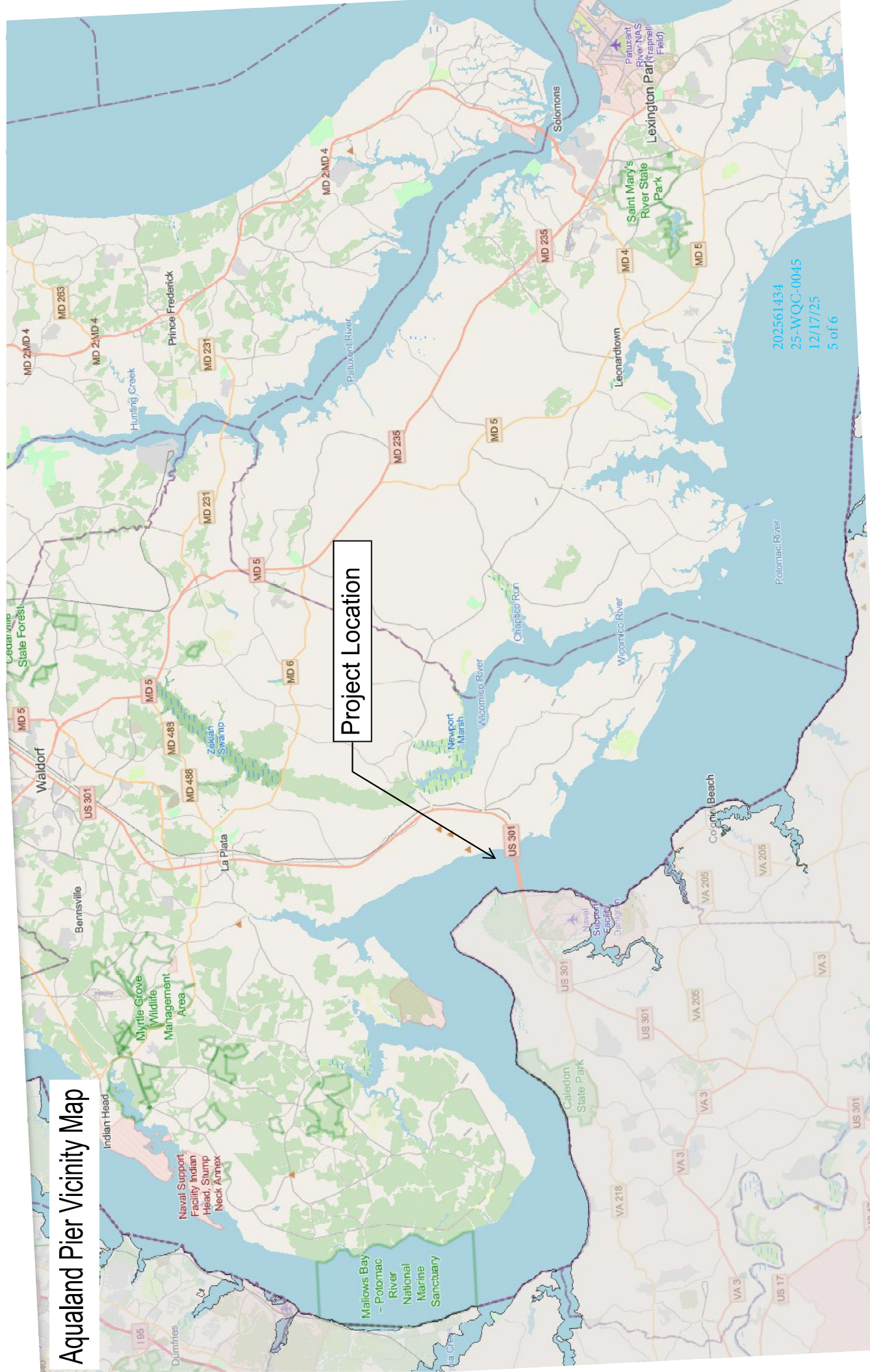
NOTES:
1. CHECK TIMBER DECK FOR SHIFTING/DAMAGE AFTER TURN.

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25-WQC-0045
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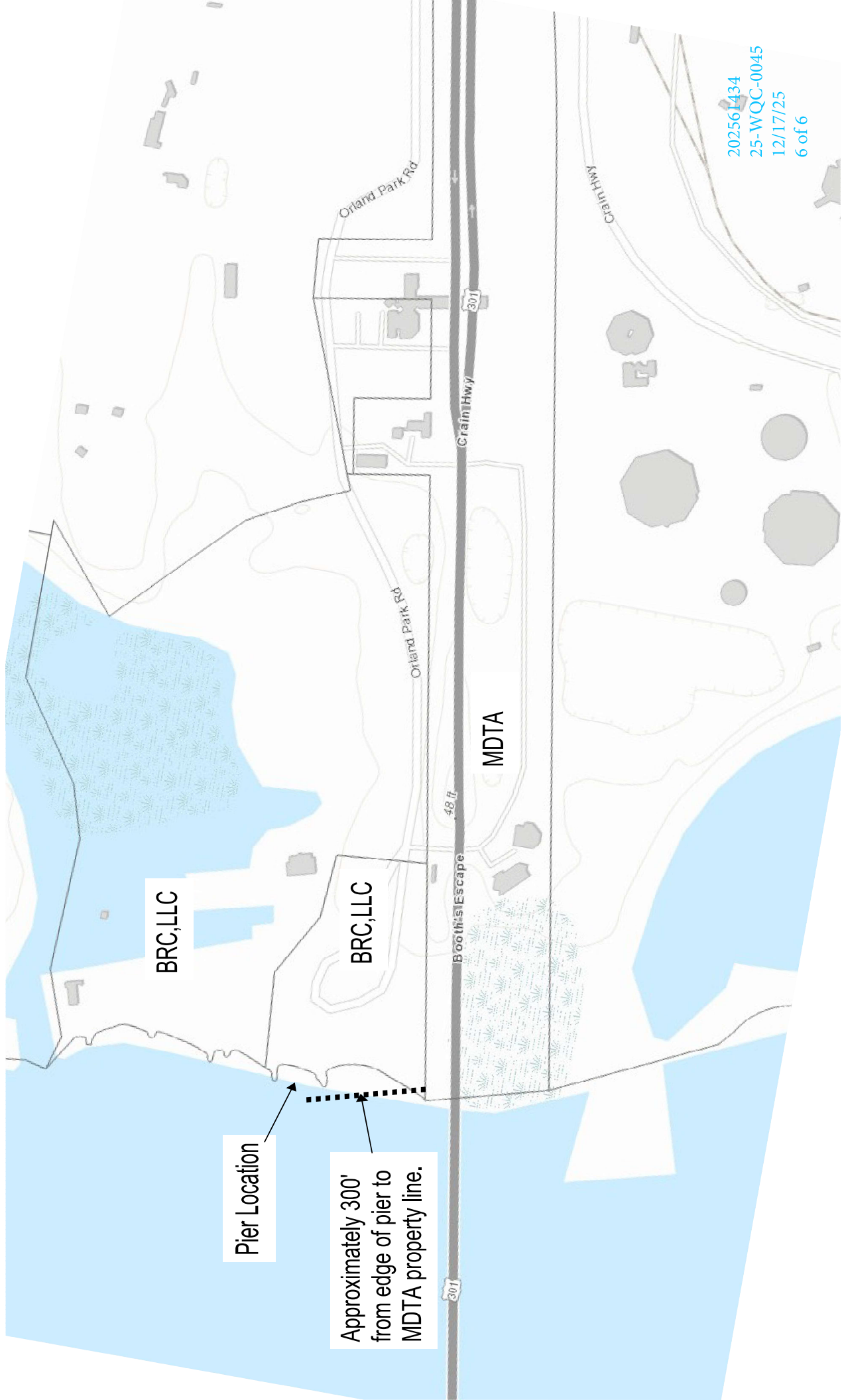
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Aqualand Pier Vicinity Map



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BRC, LLC

BRC, LLC

MDTA

48 ft

Booth's Escape

301

Crain Hwy

301

Orland Park Rd

Crain Hwy

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Pier Location

Approximately 300'
from edge of pier to
MDTA property line.